

# Converting Colors

Android(4291998218)

Have a look what the booklet for  
Android(4291998218) contains.

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# **Color**

**Android(4291998218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B20A
RGB	210, 178, 10
RGB Percent	82%, 70%, 4%
CMY	0.1765, 0.3020, 0.9608
CMYK	0.00, 0.15, 0.95, 0.18
HSL	50°, 91%, 43%
HSV	50°, 95%, 82%
XYZ	42.5535, 45.5643, 6.8391
YIQ	168.4160, 73.0000, -45.4640

# Conversions

## Conversions Part 2

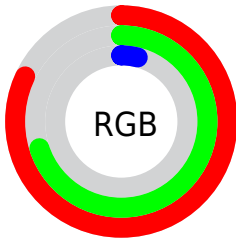
Format	Color
<a href="#">RYB</a>	48, 210, 10
Decimal	13808138
CIELab	73.26, -2.25, 74.40
CIELCh	73, 74.432, 91.729
Yxy	45.5643, 0.4481, 0.4798
Android (android.graphics.Color)	4291998218 (0xFFD2B20A)
YUV	168.4160, -78.0991, 36.4692
Hunter-Lab	67.5014, -5.5992, 41.2438

# Details

The Android color **4291998218** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **4278856402**, and the grayscale version is **4289309097**.

A 20% lighter version of the original color is **4294961491**, and **4288118272** is the 20% darker color. If you saturate the color by 10%, you get **4291997696**, and if you desaturate by 10%, it is **4291999007**.

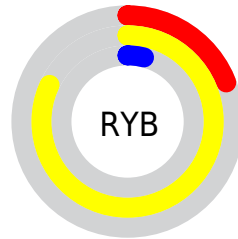
# Distribution



Red (82%)

Green (70%)

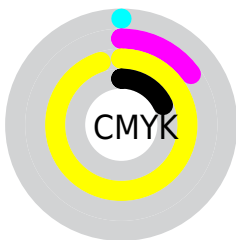
Blue (4%)



Red (19%)

Yellow (82%)

Blue (4%)

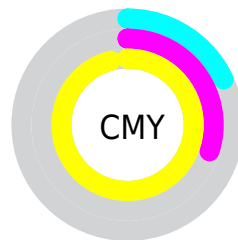


Cyan (0%)

Magenta (15%)

Yellow (95%)

Black (18%)



Cyan (18%)

Magenta (30%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291998218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4291998218 by changing the saturation by 10% instead.





4291998218



4291998218

4294967295



4290025472



4294961491



4288118272



4294967151



4286211328



4294967180



4284370432



4294967208



4282529536



4294967237



4280885760



4294967266



4278979840



4278190080



4291998218



4291998218

■ 4291997696

■ 4291999007

■ 4292000052

■ 4292000841

■ 4292001630

■ 4292002675

■ 4292003464

■ 4292004509

■ 4292005298

■ 4292006087

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294940727



4291998218



4287480882

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291998218



4278244346



4294935030

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4291998218



4278856402

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4290289919



4291998218



4278242303

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291998218



4278244534



4278238207



4294930611

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291998218



4283157594



4278238207



4294216703



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4291998218



4294964149



4291955243



4286609491



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291998218



4294956544



4287615498



4285097822



4289236224



4280885760



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4278856402



4278200831



4283239122



4284375145



4278197160



4278191913



# Previews

## White Background



This preview shows how the Android color 4291998218 looks on a white background.

## Color Contrast Check

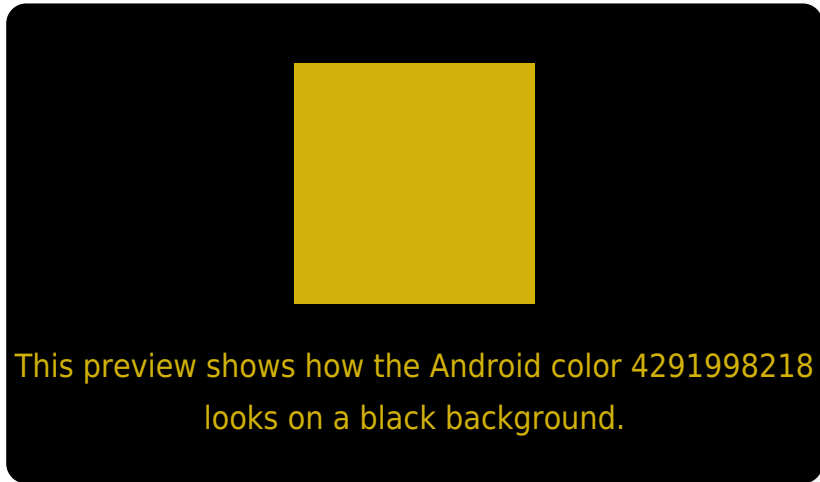
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291998218 Background



This preview shows how black text looks on a background with the Android color 4291998218.



This preview shows how white text looks on a background with the Android color 4291998218.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
4291998218

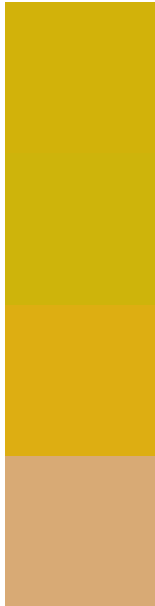
**Protanopia**  
4291540236

**Deuteranopia**  
4293110550



**Tritanopia**  
4292650418

# Trichromacy



**Original Color**  
4291998218

**Protanomaly**  
4291736587

**Deuteranomaly**  
4292718098

**Tritanomaly**  
4292389493

# Monochromacy



**Original Color**  
4291998218

**Achromatopsia**  
4289243304

**Achromatomaly**  
4290227311

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291998218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 178, 10)` looks like.

```
.text, #text, p{  
    color:rgb(210, 178, 10)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 178, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 178, 10) }
```

## Border

The CSS property to change the border of an element to Android 4291998218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 178, 10) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 178, 10) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 178, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 178, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 178, 10);  
box-shadow:4px 4px 4px 4px rgb(210, 178,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4291998218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 178, 10) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
178, 10) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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